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In re application of:

Olivier H. SUDRE, et al.

Serial No: 10/057,184

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For: MONAZITE-BASED THERMAL BARRIER
COATINGS

Art Unit: 1762

Examiner: (Not Assigned)

PRE-AmDT
A
C. Que
7/12/02

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PRELIMINARY AMENDMENT

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Dear Sir:

Prior to the first Office Action in the present application, please enter and
consider the following amendments and remarks:

IN THE SPECIFICATION:

Red lined copy to show changes is included at the end of this paper.

Please replace the paragraphs at Page 7, lines 18-24 and Page 8, lines 1-2
with the following:

FIGURE 1b shows a scanning electron micrographs of the coating of Fig. 1a
illustrating details of the fracture face showing a columnar structure with feather-
like features.

FIGURE 2a shows a thick LaPO₄ coating, showing columnar structure,
deposited on sapphire at room temperature by laser ablation.

FIGURE 2b shows a thin LaPO₄ coating deposited on sapphire at ~800°C
by laser ablation and subsequently annealed at 1100°C.

IN THE FIGURES:

Please delete original Figure 2 and renumber original Figure 3 as Figure 2
(renumbered Figure 3 is enclosed).